

View Online at <https://aerobasegroup.com/nsn/5935-01-051-3977>

**Thread Class:**

2b

**Thread Direction:**

Right-hand

**Body Style:**

Straight shape

**Overall Length:**

1.541 inches

**Overall Height:**

Between 3.095 inches and 3.125 inches

**Overall Width:**

Between 1.965 inches and 2.015 inches

**Environmental Protection:**

Humidity resistant and salt water resistant and shock proof and vibration resistant

**Center To Center Distance Between Mounting Facilities Parallel To Height:**

Between 1.672 inches and 1.703 inches

**Distance Between Centerlines Of Mounting Facilities Parallel To Body Width:**

Between 1.432 inches and 1.442 inches

**Distance From Mounting Shoulder To Front Face:**

Between 0.751 inches and 0.781 inches

**Threaded Device Type:**

Mounting hole

**Mating End Quantity:**

2

**Contact Position Arrangement Style:**

8 1st mating end

**Contact Removability:**

Removable all mating ends all contact groupings

**Polarization Method:**

Polarization boss

**Shell Type:**

Solid

**Connector Locking Method:**

Screw

**Thready Qty Per Inch (tpi):**

40

**Thread Size:**

0.112 inches

**Terminal Location:**

Back all mating ends all contact groupings

**Insert Material:**

Plastic diallyl phthalate all mating ends

**Terminal Type:**

Crimp all mating ends all contact groupings

**Guide Design And Location:**

Hexagon shape male post left-hand at 12 o'clock

**Shell Material:**

Aluminum alloy 380.0

**Shell Surface Treatment:**

Cadmium

**Shell Surface Treatment Specification:**

Qq-p-416, type 2, cl 3 federal specification single treatment response

**Shell Material Specification:**

Qq-a-591, alloy 380 federal specification single material response

**Insert Material Specification:**

Mil-m-19833, type gdi-30f military specification single material response all mating ends

**Included Contact Type:**

Round socket all mating ends all contact groupings

**Special Features:**

Polarized at position 04

**Thread Series Designator:**

Un

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

A039b0

**Mil-std (military Standard):**

Mil-m-19833 spec.